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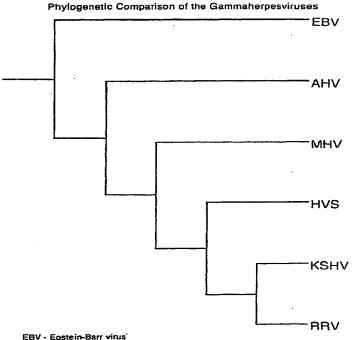
#### **Published**

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## (54) Title: CLONING OF RHADINOVIRUS GENOME AND METHODS FOR ITS USE

### (57) Abstract

A novel rhesus macaque rhadinovirus, herein designated RRV, is disclosed. The genomic, cDNA and proteins sequences are provided. RRV has some similarity to human Kaposi's sarcoma-associated herpesvirus and causes Kaposi's sarcoma-like symptoms in immuno-compromised non-human primates. RRV possesses genes for both Interleukin-6 and macrophage inflammatory protein 1. The genome of RRV is useful for research, clinical and diagnostic applications aimed towards the rhadinoviruses and herpesviruses in general and KSHV in particular. In addition, methods for using RRV to produce a non-human primate model for the testing of Kaposi's sarcoma-associated herpesvirus therapeutics and vaccines are presented.



EBV - Epstein-Barr virus

AHV - Alcelaphine herpesvirus

MHV - Murine herpesvirus 68 HVS · Herpesvirus saimiri

KSHV - Kaposi's sarcoma-associated herpesvirus

ARV - Rhesus rhadinovirus 17577